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| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/650,295 | 08/27/2003 | J. Rodney Walton | 030278 |

23696
Qualcomm Incorporated
Patents Department
5775 Morehouse Drive
San Diego, CA 92121-1714



CONFIRMATION NO. 6666
FORMALITIES LETTER



OC000000012466515

Date Mailed: 04/28/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

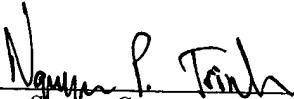
Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

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130.00 DA
07/20/2004 ZJUHAR1
01 FC:1051

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application)
No. 10/650,295) For: FREQUENCY-INDEPENDENT
) SPATIAL PROCESSING FOR
) WIDEBAND MISO AND MIMO
) SYSTEMS
WALTON et al.)
)
Examiner: Unknown)
)
Filed: 8/27/2003) Group No. Unknown

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION
UNDER 37 CFR §1.53 (f)

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted under 37 CFR § 1.53, which was mailed on 04/28/2004, enclosed are:

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Depositor's Name: Karyn D. Lao
(type or print name)

Date: 7/13/2004

Signature: 

FACSIMILE

transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name: _____
(type or print name)

Date: _____

Signature: _____

Enclosed are:

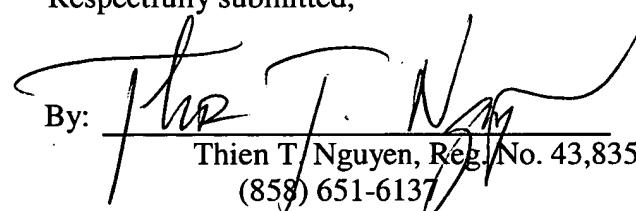
1. Office's copy of Form PTO-1533 as required;
2. Executed Declaration/Power of Attorney;
3. Return postcard.

Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated in the amount of \$130.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate copy of this letter is enclosed. The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

A duplicate copy of this letter is enclosed.

Respectfully submitted,

By:


Thien T. Nguyen, Reg. No. 43,835
(858) 651-6137

Dated: 7/13/2004

QUALCOMM Incorporated
Attn: Patent Department
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